Installation Instructions
50 Hz. Oil-Less Air Compressor

Description:
Apollo Dental Products compressors have been tested and approved by various regulatory test agencies. The following list contains ADP file numbers that may be helpful if questions arise regarding installation inspections.

Underwriter's Laboratories (cUL)	**File Number MH13627**
Canadian Standards Association (CSA)	**File Number LR67041**
U.S. Food and Drug Administration (FDA)	**File Number 2937927**

This dental compressor should only be installed by qualified personnel. Should any questions arise during the installation, call ADP Technical Support between the hours of 6:00 a.m. to 4:00 p.m. (Pacific Standard Time).

Installation:
Place the compressor in a clean, dry, well ventilated area, on a solid, level surface. Consider sound level and insulate as needed. Be sure that adequet ventilation is available as the compressor is air cooled. Ambient temperature in the equipment room should be within the temperature range of 0 (zero) degrees Celsius minimum and to 50 degrees Celsius maximum.

1. Remove cardboard shipping carton.

2. Remove compressor from shipping skid.

3. Remove installation kit attached to pallet. It should contain the following:

   (4) Rubber feet
   (1) 1.83 m Flexible Hose
   (1) Condensate Drain Canister (Desiccant models only)

4. Install rubber feet to tank legs.

5. Install flexible hose to outlet of the compressor compressor shut-off valve.

6. Move compressor into place and level by observing bubble level on saddle.

7. Install flexible hose to office air supply line.

8. Install Condensate Drain Canister tubing to "tee" fitting below drying tower (Desiccant Models), or install 6 mm poly-flow tubing from bottom of Ultrair Filter (Standard Models) for sewer connection.

9. Wiring Instructions:

   (A) Remove junction box cover plate.

   (B) Mount junction box on wall using the provided wall anchors.

   (C) Using the open conduit connection provided on the junction box, connect field wiring: black wire to black pigtail wire and white wire to white pigtail wire. See Recommended Wire and Breaker Size Chart.

Recommended Wire And Breaker Size

Model	Voltage	Amperage	KVA	Wire Size (Gauge)	Recommended Breaker Size
Single Head Compressors					
AOCOS1F	110/220	14/7	1.61	10/12	20
AOCOS2F	220	8	1.84	12	20
AOCOS3F	110/220	18.6/9.3	2.14	10/12	30/20
Twin Head Compressors					
AOCOT32F	220	14	3.22	10	20
AOCOT4F	220	16	3.68	10	30
AOCOT6F	220	18.6	4.28	10	30

Start-Up:

1. Make sure the shut-off valve from the storage tank is closed.
2. Turn power “ON”. Compressor should run quietly and the storage tank should begin to pressurize.
3. The compressor will run until the storage tank gauge registers 7 bar. The compressor will then automatically shut-off by means of the preset pressure switch.
4. Using soapy water, check the compressor plumbing joints for leaks that may have arose during shipment.
5. Pressure test the office air system piping for leaks. Use the storage tank pressure gauge to monitor line pressure drop. Open the shut-off valve slowly and allow air to flow into the office air system. When the office air line has pressurized, after twenty to thirty seconds, note the storage pressure gauge reading. After ten minutes, check the storage tank gauge reading. If the storage pressure gauge registers a lower reading an air leak exists. Locate the leak(s) and repair.

Seal All Air Leaks!
Air Leaks Are The Main Cause Of Compressor Failures!

6. Be sure to complete and mail in the warranty card for the compressor within ten days of installation to effect warranty.